

PATENT  
10/761,164

**B. AMENDMENTS TO THE SPECIFICATION**

Please amend the following paragraphs as follows:

[0002] (1) U.S. patent application Ser. No. 10/761,163, filed January 20, 2004, titled "Managing Failover of J2EE Compliant Middleware in a High Availability System" \_\_\_\_\_ (Attorney Docket No. AUS920040005US1).

[0017] According to one aspect of the present invention, multiple high availability systems are networked in an enterprise and managed overall by a remote enterprise server. Within each high availability system, a cluster management controller monitors a status of a particular component of the high availability system and reacts ~~reacting~~ to adjust the high availability system when the status indicates an error. In addition, with each high availability system, a monitoring controller detects when the cluster management controller reacts to the status of the particular component and detects a condition of ~~[[a]]~~ multiple components of the high availability system. The monitoring controller then reports the error and the condition of the components to the remote enterprise server. The remote enterprise server is enabled to manage the high availability system based on the report.

[0018] In particular, the high availability systems ~~[[server]]~~ implement a J2EE compliant middleware stack monitored by open source functions such as a heartbeat monitor and a service monitoring daemon. The heartbeat monitor detects, in particular, the status of particular servers on which the middleware stack resides. The service monitoring daemon detects, in particular the status of the particular instances of services provided by the middleware stack.

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